

ABSTRACT OF THE DISCLOSURE

A pump-used filter device includes a connecting body capable of communicating with a spray gun pump. The connecting body is formed with a liquid incoming passage and a liquid outgoing passage. A hollow main body is locked with the connecting body. A filter mesh is horizontally disposed between the main body and the connecting body to divide the interiors of the connecting body and the main body into an upper and a lower cavities. The liquid incoming passage of the connecting body communicates with the lower cavity, while the liquid outgoing passage communicates with the upper cavity. The main body has a conic bottom section. High-pressure liquid paint is guided through the liquid incoming passage into the lower cavity. After filtered through the filter mesh, the clean liquid paint goes through the upper cavity to the liquid outgoing passage.